

ABSTRACT OF THE DISCLOSURE

A non-invasive method for obtaining therapeutic levels of protein in the bloodstream by administering rAAV containing a transgene encoding the secretable or extracellular membrane-bound protein via inhalation, is provided. Suitably, the transgene product is under the control of a lung-specific promoter. Also provided are pharmaceutical kits containing rAAV encoding the secretable protein in a suspension suitable for delivery via intranasal or oral inhalation.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100